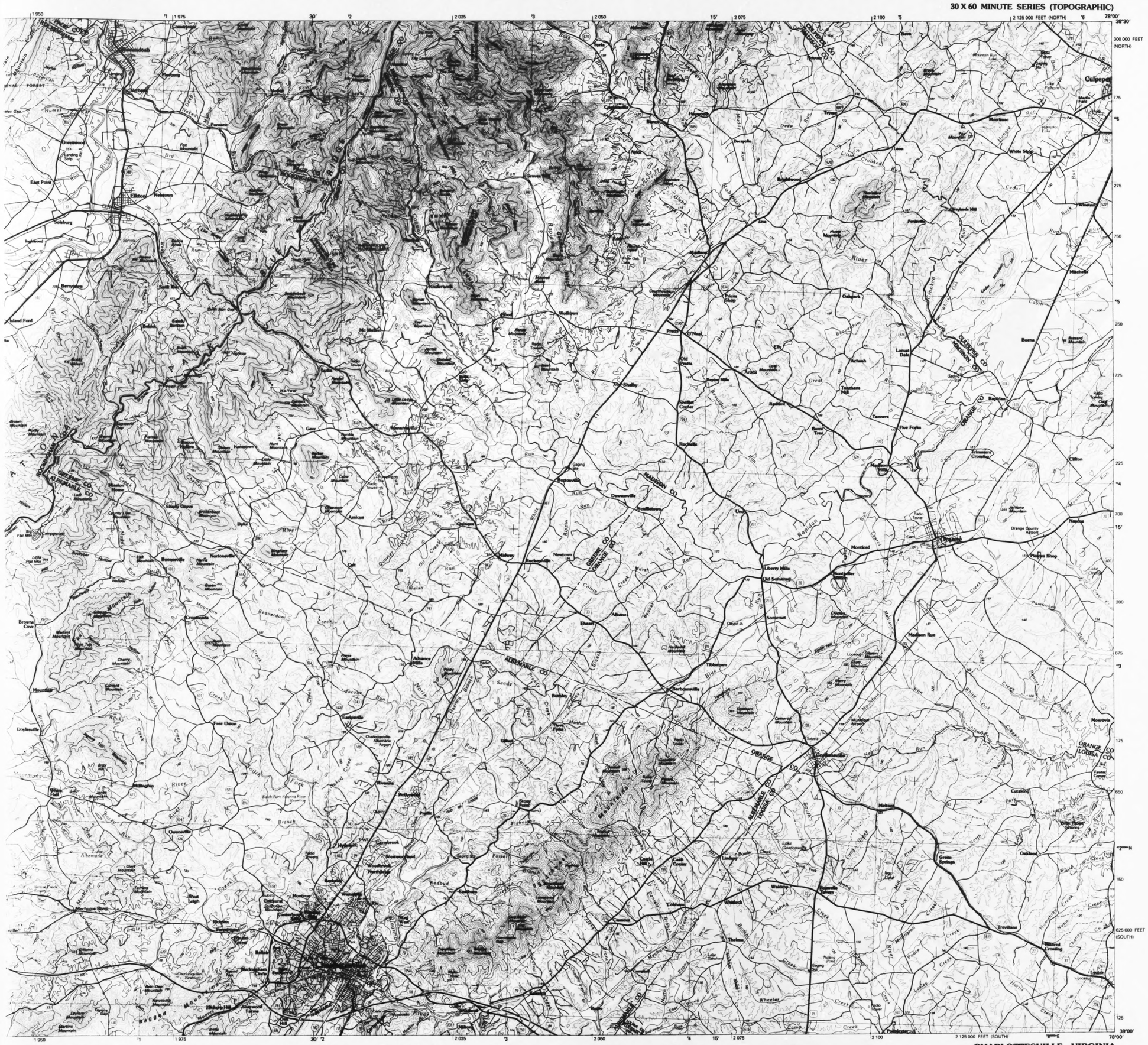
30 X 60 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

CONTOUR INTERVAL 20 METERS

CHARLOTTESVILLE, VIRGINIA

38078-A1-TM-100

1986

38078-A1-TM-100

Charlottesville

VIRGINIA

1:100 000-scale *metric* topographic map

30 X 60 MINUTE QUADRANGLE SHOWING

- **Contours and elevations in meters**
- **Highways, roads and other manmade structures**
- **Water features**
- **Woodland areas**
- **Geographic names**

GEOLOGICAL SURVEY

1986

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1965–1979. Planimetry revised from aerial photographs taken 1984 and other source data
Revised information not field checked
Map edited 1986

Projection and 10 000-meter grid, zone 17
Universal Transverse Mercator
25 000-foot grid ticks based on Virginia coordinate system, north and south zones. 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 9 meters south and 23 meters west

There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

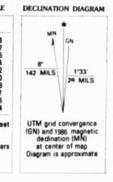
CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM



UTM grid convergence (GN) and 1986 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1 Elkins
2 Front Royal
3 Washington West
4 Staunton
5 Fredericksburg
6 Buena Vista
7 Dillwyn
8 Richmond

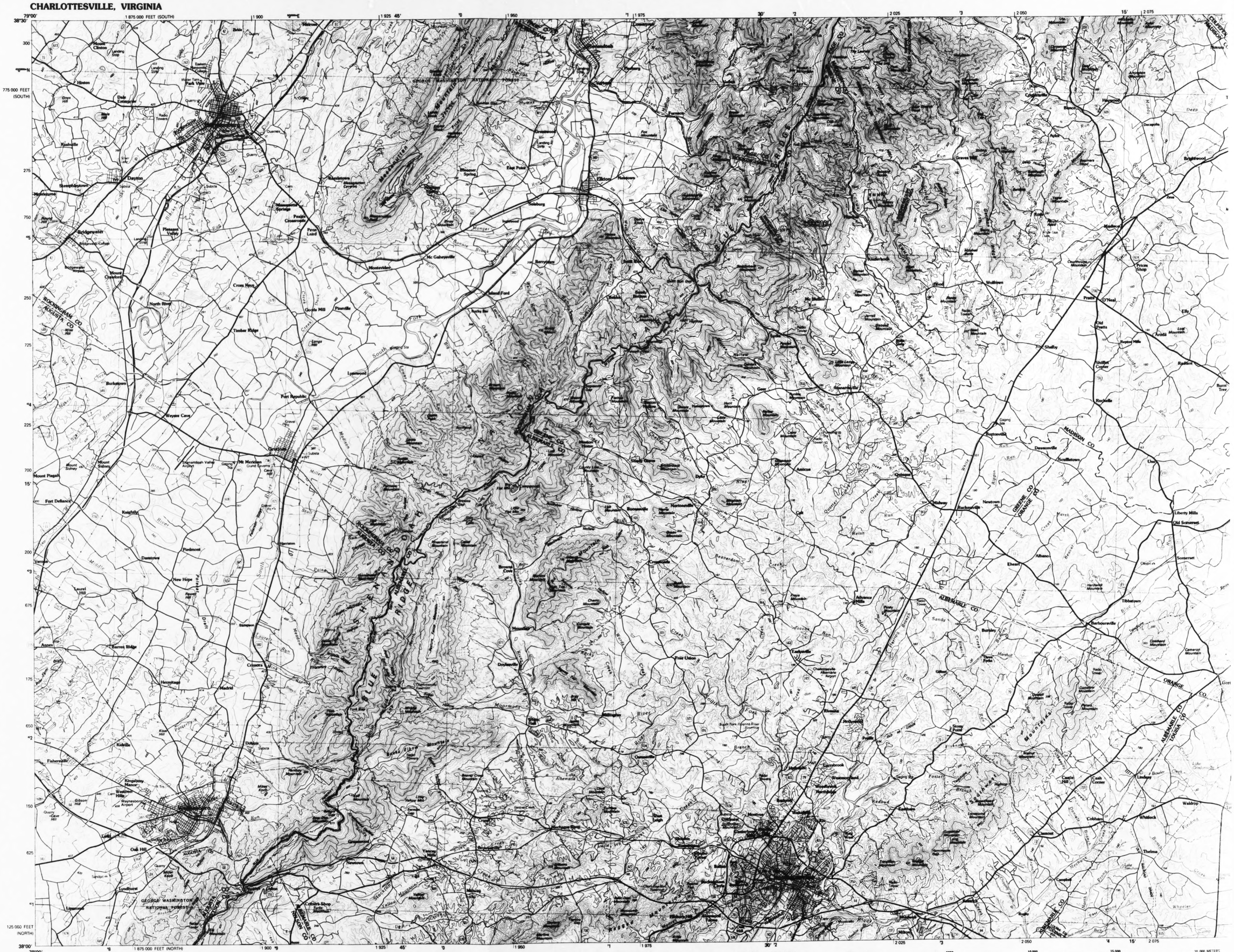
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

Topographic Map Symbols

Primary highway, hard surface
Secondary highway, hard surface
Light duty road, principal street, hard or improved surface
Other road or street; trail
Route marker: Interstate; U. S.; State
Railroad: standard gage; narrow gage
Bridge; overpass; underpass
Tunnel: road; railroad
Built up area; locality; elevation
Airport; landing field; landing strip
National boundary
State bounfury
County boundary
National or State reservation boundary
Land grant boundary
U. S. public lands survey: range, township; section
Range, township; section line: protracted
Power transmission line; pipeline
Dam; dam with lock
Cemetery; building
Windmill; water well; spring
Mine shaft; adit or cave; mine, quarry; gravel pit
Campground; picnic area; U. S. location monument
Ruins; cliff dwelling
Distorted surface: strip mine, lava; sand
Contours: index; intermediate; supplementary
Bathymetric contours: index; intermediate
Stream, lake: perennial; intermittent
Rapids, large and small; falls, large and small
Area to be submerged; marsh, swamp
Land subject to controlled inundation; woodland
Scrub; mangrove
Orchard; vineyard

A pamphlet describing topographic maps is available on request

CHARLOTTESVILLE, VIRGINIA


79°00'
1 875 000 FEET (SOUTH)
1 900
1 925
45'
1 950
1 975
30'
2 025
2 050
15'
2 075
38°30'
775 000 FEET (SOUTH)
GEORGE WASHINGTON NATIONAL FOREST
BLUE RIDGE MOUNTAINS
SHENANDOAH MOUNTAIN
ROCKINGHAM CO
AUGUSTA CO
ALBEMARLE CO
GREENE CO
ORANGE CO
MADISON CO
LOUISA CO
Charlottesville
Waynesboro
Staunton
Harrisonburg
Dayton
Bridgewater
Fort Defiance
Verona
Mount Sidney
Mount Meridian
Grottoes
Elkton
Port Republic
Stanley
Madison
Gordonsville
Barboursville
Orange
Louisa
Scottsville
Keene
Ivy
Crozet
Earlysville
Free Union
Rivanna
Yancey Mills
Cobham
Whitlock
Thelma
Liberty Mills
Somerset
Rochelle
Shelby
Shiflett Corner
Ellis
Lost Mountain
Wolftown
Prices Shop
O'Neal
Pratts
Old Pratts
Raccoon Ford
Mine Run
Locust Grove
Rapidan
Brightwood
Criglersville
Graves Mill
Deep Run
Dry Run
Rose Run
Hughes River
Robinson River
Rapidan River
Rivanna River
Hydraulic
Proffit
Free Union
Advance Mills
Ednam
Albemarle Airport
Charlottesville Albemarle Airport
Waynesboro Airport
Weather Hill
Gibson Hill
Oak Hill
Lyndhurst
Lynnwood
Burketown
Keezee Cave
Timber Ridge
North River
Grubs Mill
Pleasantville
Mount Crawford
Bridgewater College
Pleasant Valley
Dale Enterprise
Hinton
Mount Clinton
Keezletown
Dayton
Singers Glen
Mossy Creek
Montezuma
Mount Meridian
Fort Defiance
Knightly
Vesuvius
Piedmont
Dunlora
New Hope
Laurel Hill
Barren Ridge
Hermitage
Madrid
Stanley
Colaora
Dolans
Kidville
Fishersville
Kingsbury Manor
Weabrod Hills
Lodi
Sandy Hook
Stockton
Yellow Mountain
Mechums River
Meadow
Laurel Run
Middle River
South River
Naked Creek
Swift Run
Moormans River
Mechums River
Buck Mountain
Brown Cove Mountain
Chestnut Mountain
Cherry Mountain
Doylesville
Mount Ida
Mount Pleasant
Mount Sidney
Alexandria Valley Baptist
Mt Meridian Grand Tavern
Cave Hill
Quarry Hill
Wine Hill
Long Hill
Mill Creek
Middle River
Broad Run
Miller Run
Stull Run
Lewis Creek
Meadow Run
Laurel Run